

SEQUENCE LISTING

<110> SMITH, JOHN C.

<120> DIAGNOSTIC METHOD

<130> PLS/009901/0277123

<140> 09/778,900

<141> 2001-02-08

<150> GB 0004232.5

<151> 2000-02-24

<160> 24

<170> PatentIn Ver. 2.1

<210> 1

<211> 1073

<212> DNA

<213> Homo sapiens

<220>

<221> modified_base

<222> (396)

<223> a, c, t, g, other or unknown

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ttagtcattg tttggaatga ctttataaaa atgctttgca ttttttagca agaccatcat 180
ataattgttt aagatcaagt acaacacata aggtcactgg agaatttgag tgcattgttat 240
ccaagatagg atggttagagc tcacattaca gaaatgtagt gtgggaatag taaggagtcg 300
tttaatagaa attgcacacc taagtgtgat gagtgtatgt gaatgtggag aagtactttc 360
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aatatctagg atttgttaaag ttgttttctt ctcgatgact ttgagatctc tttatttctc 480
agtcttcttc tgaaataaag actgactacc tatcaattat aatggacca gatgaagttc 540
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cctccagctg ctcacagact agcaaggagg atggacacaa aagtaaataa ttccaatgca 780
atgctcagat aacagtacaa ggtgacacgc agcacctgtt tgttcttgca acagttatta 840
ggcaccttct ctgagcagca gacactgggc taagccctgg agacacaaag gtgcttgcat 900
ctcttccctc aaagggtcga gtctggagat aggtgcaaaa gtggtaagtg aaggggggcg 960
gagagagagg cattacaagt acacgcacgc ttcataatga aactgttgag ggattagaaa 1020
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<210> 2

<211> 1480

<212> DNA

<213> Homo sapiens

<220>

<221> modified_base

<222> (132)

<223> a, c, t, g, other or unknown

<220>
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 <222> (359)
 <223> a, c, t, g, other or unknown

<220>
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 <222> (386)
 <223> a, c, t, g, other or unknown

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 aacaagaaat gnacctaaag cttttaatat accagctcac acagagtaag cattcagtaa 180
 ataccaccca ctcttaattt ttttttttta tctgatctaa gatgctgtct agaagccag 240
 gcaagagcac aatagactct gcaactccag aggtagtcag gctcctggac accgtagggc 300
 ccctgtgcta gttcacgac cattttgaga agtgaaacgc tctcatttct catcaggcna 360
 ttgccagtgt agggactggg tccccnctgc tgtgctggag ctccctttca cctgggtcct 420
 tttcggtctc ttcaaaggat gcagcactac acatggagcc taagaaagaa aaaatggagc 480
 caggcctgga acaaggcaag aaaccaagac tagatagcgt caccagcagc gaaagctttg 540
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 tttcaagtgg ccagaggcat ggagttcctg tcttcagaa aggtcagtct tgctgtttac 1140
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<210> 3
 <211> 726
 <212> DNA
 <213> Homo sapiens

<220>
 <221> modified_base
 <222> (59)
 <223> a, c, t, g, other or unknown

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 ggtgttctct atgttaggaa accagagctg ctctcggaaa tgatttatag gccgtatgtt 180
 atctgggagg tgaccccatg gacactcggg ttgaatgtgc tttgttttca tgcccttctg 240
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 ctatctttga caaatctac agcaccaaga gcgacgtgtg gtcttacgga gtattgctgt 360
 gggaaatctt ctcttaggt aaatttggga gaaggaagaa atcaaacagc ccagaaataa 420
 atgtctgcat cttctgctga atgtcctttg gttggacagc ctttagatta gaacctactg 480

taacaaaaaa	ctcttaaagt	gtaatgggcc	catgtagact	ctcagatgag	taatggcgta	540
cgcatgtctg	ccctctactg	taaaagggct	ttatatgata	atgaacaagg	tcagaacaag	600
gtcatgtaaa	agggcctttat	acgatcatga	acaaggggtat	aaagtctgaa	gcaaagtact	660
ttttctgtac	tttgccaatt	ctgccttttc	aattcctcaa	cacccacacc	tctaattgcc	720
ttaccg						726

<210> 4

<211> 1352

<212> DNA

<213> Homo sapiens

<220>

<221> modified_base

<222> (878)

<223> a, c, t, g, other or unknown

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agtgtctggg	ctataaacc	aaacctaaaa	atgaagcagg	gtcacatagt	acagaaagct	180
tgggcctttat	gcggatgatg	acagccctcc	ctttgtagta	cgtaaggcaa	tgcataggat	240
gatcactgct	ctccaactat	ttctgttgct	gttttcccca	ccagctatca	gatcatgctg	300
gactgctggc	acagagaccc	aaaagaaagg	ccaagatttg	cagaacttgt	ggaaaaacta	360
ggtgatttgc	ttcaagcaaa	tgtacaacag	gtaaaaactaa	atttatctac	atcaaaatgc	420
ctttgaatgt	acgtcagggg	ggcattttat	ttgttttttt	tttaagagct	attaatataa	480
tagctgagat	cagaagttta	aaaaaagggt	gtgtgtgtgt	gtatacagaa	ttatcttctc	540
aaaacacaac	caagatttg	gcaaattgaca	tagtcaaagt	tgacataatg	gttcatagaa	600
attgttgaag	tcagaattgg	tgcaacgaga	gctctacctt	tggtatttta	ggatggtaaa	660
gactacatcc	caatcaatgc	catactgaca	ggaaatagtg	ggtttacata	ctcaactcct	720
gccttctctg	aggacttctt	caaggaaagt	atttcagctc	cgaagttaa	ttcaggaagc	780
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cccctaaatt	caactgttaa	cattttgccc	tattttgtct	attatactct	ctatgattgt	1020
gtttgttacg	gatttttctt	tttgccaaac	catttaaaag	gaggcttaaa	gcataatagc	1080
actttactcc	taaatacttt	agtatacatt	ttgtaagaag	gctattgttg	ctgggcacag	1140
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aggagttaa	aatctgcctc	ggcaacatag	agagacctca	tcttactaaa	aatttaaaaa	1260
ttagccgggt	gtgggtgggtg	gcacctgtag	tcccagctac	tcaggaggct	gaggttggag	1320
gatcacttga	gccaggaga	tggaggctgc	ag			1352

<210> 5

<211> 1256

<212> DNA

<213> Homo sapiens

<400> 5

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atacaagcct	ggcactagca	ctcgattatg	ccattaaata	atatttagcc	gtgtagccat	180
gccaggtcac	tttgccacct	cacatccttt	tcagagcacc	tgataaaagtc	ataccacttc	240
cctgcacatc	atttctctcc	tgtgccattg	ggcactcaga	cgagatgatg	cctccagctc	300
ctctacgtgc	tggcattctc	tgatttcaca	acggaccaga	gtaggctcct	ctgggagatt	360
cctcaaccct	acagaatgtg	aattgacaac	cacgggaggg	agtggcaatg	ctgtcaggat	420
tcccaggggt	cacggcgggg	agatcggggc	ctcaggagtt	agggtgattcc	tgttgggtgtg	480
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cttttcctgt cttgataatt ctttctgttt cttcattaga tatgtaaag ctttcaagtt 600
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tgatgtaagt cgtgaagtta aggtacctag tgcactccga tagaccctt cttcagatcc 720
cttccaaaca ccaacgccag taatgtagta gttcttggtc agtgagggtc tggattcagg 780
agtggctgaa atgacagtgt ggggaggact gacaactaga cctagctgtg cagaactaat 840
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gaccctgagg aaactccatt gtgtgtttct aagctgctta gctgtcagt atgcagcttt 960
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<210> 6
<211> 31
<212> DNA
<213> Homo sapiens

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<400> 6
ggaaaaaatg ccgacrgaag gagaggacct g 31

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<210> 7
<211> 31
<212> DNA
<213> Homo sapiens

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<400> 7
gaaatggatg gctccygaat ctatctttga c 31

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```

<210> 8
<211> 31
<212> DNA
<213> Homo sapiens

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<400> 8
tgatgatgtc agataygtaa atgctttcaa g 31

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<210> 9
<211> 31
<212> DNA
<213> Homo sapiens

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<400> 9
aaaaagacac ggacaygctc ccctgggacc t 31

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```

<210> 10
<211> 31
<212> DNA
<213> Homo sapiens

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```

<400> 10
gatcggactt tccgcycta gggccaggcg g 31

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<210> 11
<211> 31
<212> DNA
<213> Homo sapiens

<400> 11
gacggactct ggcggycggg tctttggccg c 31

<210> 12
<211> 31
<212> DNA
<213> Homo sapiens

<400> 12
tctggcggcc gggctckttg ccgcggggag c 31

<210> 13
<211> 31
<212> DNA
<213> Homo sapiens

<400> 13
gaatgtcctt tggtrgaca gcctttagat t 31

<210> 14
<211> 31
<212> DNA
<213> Homo sapiens

<400> 14
aggtacctag tgcacyccga tagaccctt c 31

<210> 15
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

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<210> 16
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 16
cattcatgat ggtaagatta agagtgat 28

<210> 17
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 17
tcttggttgc tgtagatttt gtcaaagata gctgc 35

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 18
accccatgga cactcgggtt gaat 24

<210> 19
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 19
cctcaaccct acagaatgtg aattg 25

<210> 20
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 20
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<210> 21
<211> 33
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 21

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33

<210> 22

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 22

gtgttcttgg cacggagg

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<210> 23

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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ggcgcggccca gcttccttg gatcggactt ggcgc

35

<210> 24

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 24

ctgctcgccc ggtgcccgcg ctccccgcgg ttaa

34